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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	fuzzy and inference and semiconductor and lifetime and fabrication and equipment and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:22
S2	16	fuzzy and inference and "semiconductor fabrication" and equipment and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:34
S3	2	"5806056".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:36
S4	4	"remaining lifetime" and semiconductor and fuzzy and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:28
S5	2	"5778279".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:29
S6	1	399/42 and semiconductor and fuzzy and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:40
S7	0	399/42 and wafers and fuzzy and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:41
S8	106	fabrication and lifetime and fuzzy and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:43
S9	181	manufacturing and lifetime and fuzzy and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:47

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S10	521	manufacturing and replacement and fuzzy and @ad<"20040319"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:47
S11	110	S9 and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:48

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Fuzzy-set approach to select mainten for multistate equipment

Suresh, P.V. Chaudhuri, D. Rao, B.V.A.
Div. of Reactor Safety, Bhabha Atomic Res. Centre, Bomb

This paper appears in: [Reliability, IEEE Transactions on](#)
Publication Date: Sept. 1994
Volume: 43, Issue: 3
On page(s): 451 - 456
ISSN: 0018-9529
CODEN: IERQAD
INSPEC Accession Number: 4797435
Digital Object Identifier: 10.1109/24.326445
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Abstract

Maintenance of any equipment based on its condition is ur of the equipment can be represented using **fuzzy** sets. Th set model for maintenance policy of multistate equipment; (a) equipment condition and remaining life, and (b) maxim utility function. The model is extended to maintenance plan the equipment. The results are useful for **replacement** dec inventory control

Index Terms

Inspe

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